DALY, CROWLEY & MOFFORD, LLP

Telephone: 781-401-9988 Facsimile: 781-401-9966 RECEIVED CENTRAL FAX CENTER SEP 3 0 2004

FACSIMILE TRANSMITTAL SHEET

Including this transmittal sheet, document consists of 61 pages.

Date: September 30, 2004

Time:

Deliver To: Commissioner for Patents

Company: USPTO

Facsimile Number: 703-872-9306

Telephone Number:

From: Christopher S. Daly

MESSAGE

Re: U.S. Patent Application of Rafael Reif et al.

Entitled: Method Of Forming A Multi-Layer Semiconductor Structure Incorporating A

Processing Handle Member

Filed On: December 30, 2003 Application No.: 10/749,103

MIT Case No.: 10003

DCM Case No.: MIT-136BUS

PLEASE CONFIRM RECEIPT OF THIS FACSIMILE TRANSMISSION. THANK YOU.

STATEMENT OF CONFIDENTIALITY

The documents included with this facsimile transmittal sheet contain information which is confidential and/or privileged. The information is intended to be for the use of the addressee named on this transmittal sheet. If you are not the addressee, note that any disclosure, photocopying, distribution or use of the contents of this faxed information is prohibited. If you have received this facsimila in error, please notify us by telephone (collect) immediately so that we can arrange for the retrieval of the original documents at no cost to you.

IF THERE IS A PROBLEM WITH THIS TRANSMISSION, OR IF YOU DID NOT RECEIVE ALL PAGES, PLEASE CALL 781-401-9988 x34 AS SOON AS POSSIBLE

Client Matter No.: MIT-136BUS

PTO/SB/21 (modified) (02-04) Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unjess it displays a valid OMB control number. Application Number 10/749,103 TRANSMITTAL December 30, 2003 Filina Date Rafael Reif FORM First Named Inventor 2823 Art Unit (to be used for all correspondence after initial filing) Examiner Name Not Yet Assigned MIT-136BUS Attorney Docket Number Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication Assignment Papers to Technology Center (TC) Fee Transmittal Form (for an Application) Appeal Communication to Board Fee Attached Drawing(s) of Appeals and Interferences Appeal Communication to TC Licensing-related Papers Amendment/Reply (Appeal Notice, Brief, Reply Brief) After Final Petition Proprietary Information Petition to Convert to a Affidavits/declaration(s) Status Letter Provisional Application Other Enclosure(s) (please Extension of Time Request Power of Attorney, Revocation Change of Correspondence Address Identify below): Express Abandonment Request Return Postcard Terminal Disclaimer PTO SB/08A with Three (3) References Information Disclosure Statement Request for Refund Copy of PTO International Search Report Certified Copy of Priority Document(s) CD, Number of CD(s)-Response to Missing Parts/ Incomplete Application Remarks Response to Missing Parts under 37 CFR 1.52 or 1.53 In the event a petition for extension of time is required by this paper and not otherwise provided, such petition is hereby made and authorization is provided herewith to charge deposit account No. 50-0845 for the cost of such extension. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Reg. No. 37,303 Firm Christopher S. Daly Daly, Crowley & Mofford, LLP Individual name Signature Date CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name Christopher S. Daly 9/30/04 Date Signature

This collection of information is required by 37 CFR 1.5. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.4. This collection is estimated to 2 hours to complete, including gathering, prepering, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form anylor suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT

RECEIVED

CENTRAL FAX CENTER

SEP 3 0 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

10/749,103

Confirmation No.: 3165

Applicant

Filed

Rafael Reif et al. December 30, 2003

T.C./A.U.

2823

Examiner

Not Yet Assigned

Docket No.

MIT-136BUS

Customer No.

022494

Certificate of Mailing (37 C.F.R. 1.8(a))

I hereby certify that this correspondence is being transputted/via facsimile to the Commissioner for Patents, P. O. Box 1450 Alexandria, VA 22313-1450 on the date set forth below

Date of Signature and Mail Deposit

∃hristopher 🖫 Daly Reg. No. 37.303

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

It is desired to cite for the record in this application the enclosed documents listed on the attached copy of PTO form PTO/SB/08A (Formerly #1449). The paragraph(s) marked below are applicable to this Information Disclosure Statement.

The enclosed Information Disclosure Statement is being filed: within three (1)ſΊ months of the filing date; or within three months of the entry of the national stage of the aboveidentified application; or before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. §1.114. Accordingly, Applicant(s) believes that no fee or statement is required.

7814019966

Docket No. MIT-136BUS

Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is [] (2)being filed before the mailing date of a final action or a notice of allowance and is accompanied by the fee set forth in 37 C.F.R. § 1.17(p).

SUBMISSION UNDER 37 C.F.R. § 1.97(c) INCLUDING A STATEMENT UNDER 37 C.F.R. § 1.97(e)(1)

Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is [X](3) being filed before the mailing date of a final action or a notice of allowance and is accompanied by a statement under 37 C.F.R. § 1.97(e)(1). The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application mailed not more than three months prior to the filing of the accompanying Information Disclosure Statement.

SUBMISSION UNDER 37 C.F.R. § 1.97(c) INCLUDING A STATEMENT UNDER 37 C.F.R. § 1. 97(e)(2)

Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is (4)[] being filed before the mailing date of a final action or a notice of allowance and is accompanied by a statement under 37 C.F.R. § 1.97(e)(2). The undersigned hereby states that no item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual having a duty of disclosure as set forth in 37 C.F.R. § 1.56 (c) more than three months prior to the filing of the accompanying Information Disclosure Statement.

Docket No. MIT-136BUS

SUBMISSION UNDER 37 C.F.R. § 1.97(c) INCLUDING STATEMENTS UNDER 37 C.F.R. §§ 1.704(d) AND 1.97(e)(1)

Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is [] (5)being filed before the mailing date of a final action or a notice of allowance and is accompanied by statements under 37 C.F.R. §§ 1.704(d) and 1.97(e)(1). The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application mailed not more than three months prior to the filing of the accompanying Information Disclosure Statement and was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the accompanying Information Disclosure Statement.

SUBMISSION UNDER 37 C.F.R. § 1.97(d) INCLUDING A STATEMENT UNDER 37 C.F.R. §1.97(e)(1)

Pursuant to 37 C.F.R. § 1.97(d), the enclosed Information Disclosure Statement is [] being filed on or before payment of the issue fee and is accompanied by a statement under 37 C.F.R. § 1.97(e)(1) and the fee required under 37 C.F.R. § 1.17(p). The undersigned hereby states that each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

SUBMISSION UNDER 37 C.F.R. § 1.97(d) INCLUDING A STATEMENT UNDER 37 C.F.R. §1.97(e)(2)

Pursuant to 37 C.F.R. § 1.97(d), the enclosed Information Disclosure Statement is **r** 1 being filed on or before payment of the issue fee and is accompanied by a statement under 37 C.F.R. § 1.97(e)(2) and the fee required under 37 C.F.R. § 1.17(p). The undersigned hereby states that no item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to

Docket No. MIT-136BUS

any individual having a duty of disclosure as set forth in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the accompanying Information Disclosure Statement.

SUBMISSION UNDER 37 C.F.R. § 1.97(d)

INCLUDING STATEMENTS UNDER 37 C.F.R. §§ 1.704(d) AND 1.97(e)(1)

Pursuant to 37 C.F.R. § 1.97(d), the enclosed Information Disclosure Statement is being filed on or before payment of the issue fee and is accompanied by statements under 37 C.F.R. §§ 1.704(d) and 1.97(e)(1) and the fee required under 37 C.F.R. § 1.17(p). The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application mailed not more than three months prior to the filing of the accompanying Information Disclosure Statement and was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the accompanying Information Disclosure Statement.

The filing of this Information Disclosure Statement is not a representation by the undersigned as to personal knowledge of the contents of every word or phrase of the material enclosed or that reliance on other suitably trained professionals has not been made.

If a search report of a searching agency is enclosed identifying the nature of the relevance of each document, such a designation is deemed to satisfy Rule 98(a) (3) even if in a foreign language, since the few terms of relevance therein are deemed of universal cognizance.

However, Applicant(s) does not necessarily adopt the position reflected by that report.

Docket No. MIT-136BUS

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 500845.

Dated: 9/30/04

Respectfully submitted,

DALY, CROWLEY & MOFFORD, LLF

By

Christ6pher S. D

Reg. No. 37,303

Attorney for Applicant(s) 275 Turnpike Street, Suite 101 Canton, MA 02021-2354

Tel.: (781) 401-9988, ext. 11

Fax: (781) 401-9966 csd@dc-m.com

Q:\mit-136bus\ids letter for pct search report dated 09-15-04.doc

7814019966

PTO/SB/08A (02-03)
Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449/PTO Application Number 10/749,103 SUPPLEMENTAL Filing Date December 30, 2003 INFORMATION DISCLOSURE First Named Inventor Rafael Reif STATEMENT BY APPLICANT Art Unit 2823 Examiner Name Not Yet Assigned MIT-136BUS Attorney Docket Number Sheet

			U. S. PATENT	DOCUMENTS	
Exeminer Initals*	Cito No.	Document Number Number-Kind Code ^{2 (Filmourly)}	Publication Date MM-DD-YYYY	Name of Patentoc or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US- 2002/0109236	08/15/2002	Kim et al.	
		US- 2002/0135062	09/26/2002	Mastromatteo et al.	
	1	US-			
		U\$-			
	_	US-			
	\vdash	US-			
		US-			
	1	US-			·
		US-			
		US-			·
		U\$-			
	-	US- ,			
	 	U\$-			
		US-			
	1	US-			
	 	บริ-			
	\dagger	US-			
_	1 -	ŲS-			
· · · · · · · · · · · · · · · · · · ·	+	US-		T	

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MIM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T [€]
		Country Godo ⁴ "Number * Trand Code ⁵ (if known) EP 1 151 962 A1	07/11/2001	STMicroeletronics S.r.l.		
						<u> </u>

Examiner Considered Signature

*EXAMINER: Initial if reference considered, whether or not diction is in conformance with MPEP 809. Draw line through distinct if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional), See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For USPTO Patent Documents, the Indication of the year of the reign of the Emperor must precede the safety number of the patent document. Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language the appropriate symbols as Indicated by 37 CER 1 97 and 1.98. The Information is required to pitating or retain a bandit by the public which is to file fond by the

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, use including gathering, properling, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments including gathering, properling, and submitting the complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer. U.S. Petanti on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer. U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patentle, P. O. Box 1450, Alexandria, VA 22313-1450.

To: Commissioner for Patentle, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form. Call 1-800-070, 0409 (4-800-786-0409) and solver confidence.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2

PTO/SB/08B (02-03) Approved for use through 04/30/2003. OMB 0651-0031 rademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO				re required to respond to a collection of information unless it contains a velid OMB control number Complete if Known			
Şunsuldu		EMENTA	J	Application Number	10/749,103		
INFO			LOSURE	Filing Date	December 30, 2003		
STATEMENT BY APPLICANT				First Named Inventor	Rafael Reif		
			4	Art Unit	2823		
(Use as many sheets as neccssery)				Examiner Name	Not Yet Assigned		
Sheet	. 2	of	2	Attorney Docket Number	MIT-136BUS		

Examiner Initials*	Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catulog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
		PCT/US 03/41407 International Search Report, September 15, 20/4.				
<u> </u>						

Examiner		Date		
Signature		Considered		
digitation	W NDED E	Or Demudies Harauch a	testing if not in conformance and not	-

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 509. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark hore if English language Translation is attached.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark hore if English language Translation is attached.

1 Applicant's unique citation designation number (optional). 2 Applicant is required to obtain or retain a benefit by the public which is to file (and by the USPTO This collection is estimated to take 120 minutes to complete, including patheting, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form artifor suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.